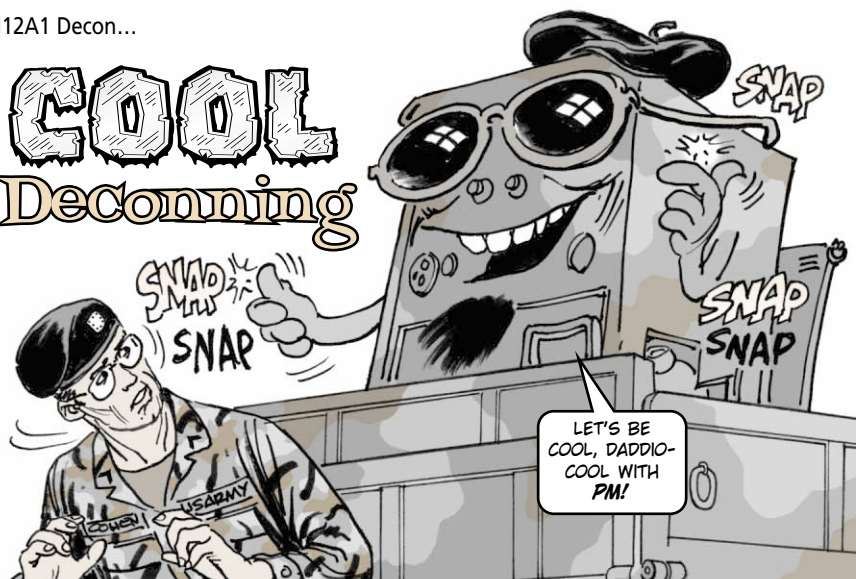


COOL Deconning



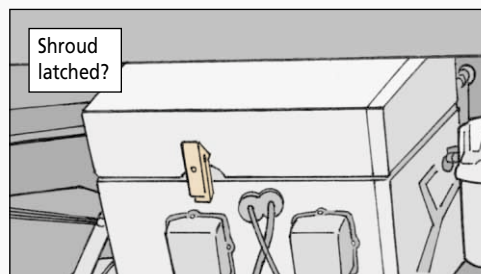
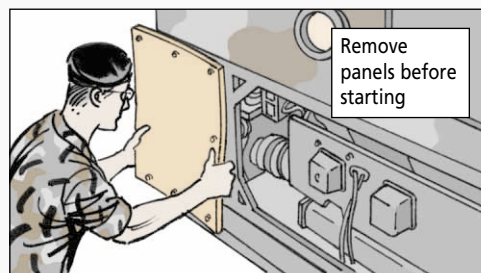
The M12A1 decon generates lots of heat while it operates, so you have to keep it cool while it's running and let it cool off before you shut it down. Otherwise, it can suffer major damage, like warped pistons. So think cool.

Thinking cool begins with "panels off, shroud on." If the side panels are left on while the M12A1 is running, heat can't escape. So before start-up, remove all five panels.

But keep the engine shroud latched in place. It directs cool air around the engine for efficient cooling.

But the shroud won't do much good if it doesn't fit—and new shrouds don't fit. The shroud wasn't designed for the M12A1. Support can make it fit by using the info on Page 2-77 in TM 3-4230-209-30&P.

Remember to adjust the engine air control handle to the outside temperature.



Shutdown

To shut down the heater unit, put the heater switch in the PURGE ON position. Let the heater run for 2 minutes after combustion stops, then turn the heater receptacle switch on the pump to OFF.

Check the heater's water temperature gauge. If the temperature is above 100°F, continue to cycle water through the boiler until the temperature drops. Once it's below 100°, it's safe to shut off the heater.

Give the pump engine a chance to cool off, too. Let the pump idle for 10-15 minutes at 500-600 rpm. Then shut down the pump by turning the FUEL-SHUT OFF valve before you move the starter switch to STOP. Otherwise, fuel collects in the carburetor. Next time you start the engine it could backfire and burn somebody—or the engine won't start at all.

